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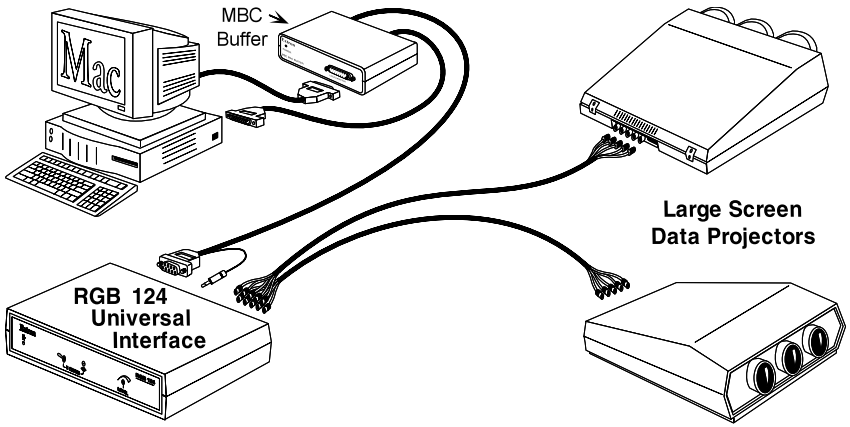
Extron Electronics
INTERFACING, SWITCHING AND DISTRIBUTION

User's Guide



Specifications

Input Video Signal
Analog ..... 0.5 to 1.2 volts p-p
ECL ..... 0.8 to 1 volt p-p

Input Sync Signal *..... Sync On Green (RGsB)*
..... Composite Sync (RGBS)
..... Separate Horizontal & Vertical (RGBHV)

Output Signal *Video ..... 0.5 to 1 volt p-p*

Frequency Compatibility
Horizontal ..... 15-125 kHz
Vertical ..... 30-170 Hz (H & V automatic)

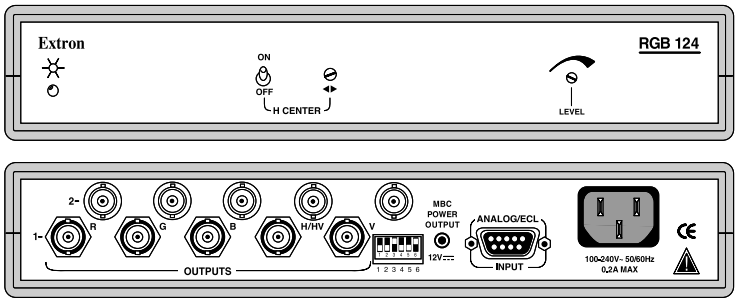
RGB Video Bandwidth ..... *200 MHz (2.1 nS Rise Time)*

Power Supply ..... *100-240 VAC 50/60 Hz*
..... Internal auto switchable

Dimensions ..... 9.7" W x 7" D x 1.7" H
..... 24.8 cm W x 17.8 cm D x 4.5 cm H

Shipping weight ..... 6 lbs. (2.7 kg)

Warranty ..... Two years, parts & labor



RGB 124 Interface

P/N 60-227-01

Refer to the safety instructions in the literature that came with this equipment.

Extron Electronics
1230 South Lewis Street
Anaheim, CA 92805
714-491-1500 FAX 714-491-1517
U.S.A.

Extron Electronics, Europe
Beeldschermweg 6C
3821 AH Amersfoort
+31-33-453-4040 FAX +31-33-453-4050
The Netherlands

Extron Electronics, Asia
41B Kreta Ayer Road
Singapore 089003
+65-226-0015 FAX +65-226-0019
Singapore

79-05
68-332-01
Rev. A

www.camboard.de Tel. 07131 911201
Fax 07131 911203
ce-info@camboard.de

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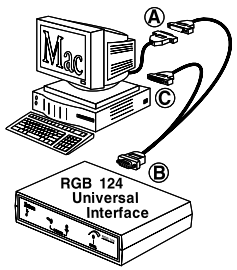
Description

The Extron RGB 124 is a 200 MHz Dual Output, universal Analog/ECL computer-video interface designed to connect workstations and PCs to a large screen display system. With an Extron MBC (monitor breakout cable), the computer's local monitor may be used while the RGB/BNC output goes to a large screen. Analog or ECL inputs can be from VGA, Mac, XGA, XGA-2, Quadra, SUN, SGI, Solbourne, NEC, Siemens, DEC or other source.

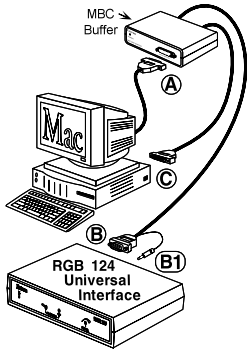
Installation using an MBC cable

1. Use diagram to the right as a guide. Turn off the computer and its monitor.
2. Disconnect the local Monitor cable from the computer and connect it to the MBC cable(A).
3 Connect the MBC cable 9-pin connector to "Analog/ECL" on the RGB 124 (B).
4. Connect the remaining MBC cable to the computer's video output (C).
5. Connect RGB 124 Outputs 1 and 2 to output devices (see Automatic Sync Output below).
6. Apply power to the RGB 124, the CPU and its monitor, and the output devices.



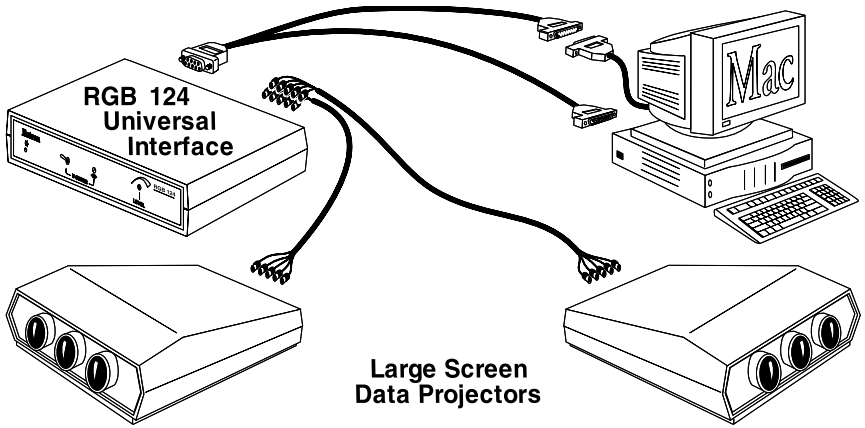
Installation using an MBC buffer

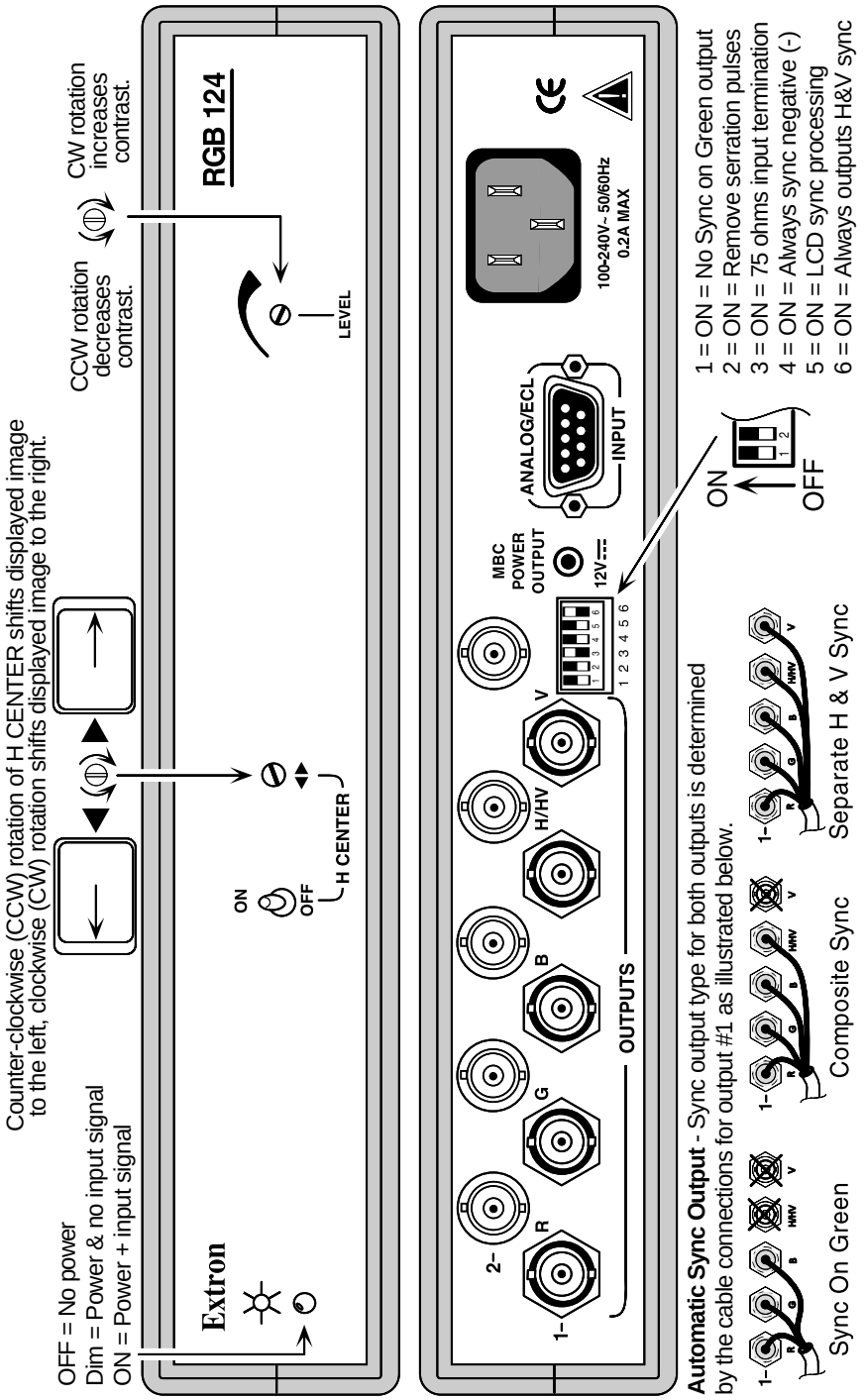
1. Use diagram to the right as a guide. Turn off the computer and its monitor.
2. Disconnect the local Monitor cable from the computer and connect it to the MBC buffer connector labeled "Local Monitor" (A).
3. Connect the MBC buffer cable 9-pin connector to the "Analog/ECL" connector on the RGB 124 (B). Connect the small plug on the same cable to "MBC Power Output" on the RGB 124 (B1).
4. Connect the remaining MBC buffer cable to the computer's video output.
5. Connect RGB 124 Outputs 1 and 2 to output devices (see Automatic Sync Output below).
6. Apply power to the RGB 124, the CPU and its monitor, and the output devices.



Operation

RGB 124 operation is covered on Page 2.





www.camboard.de Tel. 07131 911201 Fax 07131 911203 ce-info@camboard.de